

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) ~~An olefin~~ A polyethylene wax,
 - (i) which is a copolymer (A1) obtained by copolymerizing ethylene and at least one diene or a copolymer (A2) obtained by copolymerizing ethylene, at least one olefin selected from α -olefins of 3 to 12 carbon atoms and at least one diene, and wherein
 - (ii) the content of unsaturated groups per one molecule is in the range of 0.5 to 3.0 groups,
 - (iii) the density is in the range of 870 to 980 kg/m³,
 - (iv) the melting point is in the range of 70 to 130 °C,
 - (v) the number-average molecular weight is in the range of 400 to 5,000, and
 - (vi) the ratio (Mw/Mn) of the weight-average molecular weight to the number-average molecular weight is not more than 4.0.

2. (Currently Amended) ~~An olefin~~ A polyethylene wax,
 - (i) which is a copolymer (A3) obtained by copolymerizing ethylene and vinyl norbornene (5-vinylbicyclo[2.2.1]hept-2-ene) or a copolymer (A4) obtained by copolymerizing ethylene, at least one olefin selected from α -olefins of 3 to 12 carbon atoms and vinyl norbornene, and wherein
 - (ii) the content of unsaturated groups per one molecule is in the range of 0.5 to 2.0 groups,

- (iii) the density is in the range of 900 to 980 kg/m³,
- (iv) the melting point is in the range of 100 to 130 °C,
- (v) the number-average molecular weight is in the range of 400 to 5,000, and
- (vi) the ratio (Mw/Mn) of the weight-average molecular weight to the number-average molecular weight is not more than 4.0.

3. (Currently Amended) The ~~olefin~~ polyethylene wax as claimed in claim 1, which is prepared by the use of a metallocene catalyst.

4. (Withdrawn) A silicone-modified olefin wax obtained by addition-reaction of a hydrogen silicone having one or more SiH bonds in one molecule to the olefin wax (A) of claim 1 in the presence of a catalyst.

5. (Withdrawn) A silicone-modified room temperature-solidifying composition comprising the silicone-modified olefin wax (B) of claim 4 in an amount of 5 to 95% by mass and an oil agent (C) in an amount of 95 to 5% by mass.

6. (Withdrawn) A cosmetic comprising the silicone-modified olefin wax (B) of claim 4.

7. (Withdrawn) A cosmetic comprising the silicone-modified room temperature-solidifying composition (D) of claim 5, wherein at least a part of the oil agent (C) is liquid at ordinary temperature.

8. (Withdrawn) A cosmetic comprising the silicone-modified room temperature-solidifying composition (D) of claim 5, wherein at least a part of the oil agent (C) is a solid oil agent having a melting point of not lower than 50°C.

9. (Withdrawn) A cosmetic comprising the silicone-modified room temperature-solidifying composition (D) of claim 5, wherein at least a part of the oil agent (C) is a linear, branched or cyclic silicone oil represented by the following formula:



wherein R^1 is a hydrogen atom, an alkyl group or a fluorine-substituted alkyl group of 1 to 30 carbon atoms, an aryl group of 6 to 30 carbon atoms or an aralkyl group of 7 to 30 carbon atoms, and "a" is a number satisfying the condition of $0 \leq a \leq 2.5$.

10. (Withdrawn) A cosmetic comprising the silicone-modified room temperature-solidifying composition (D) of claim 5, wherein at least a part of the oil agent (C) has a fluorine atom or an amino group.

11. (Withdrawn) The cosmetic as claimed in claim 6, which further comprises water (E).

12. (Withdrawn) The cosmetic as claimed in claim 6, which further comprises a compound (F) having an alcoholic hydroxyl group in the molecular structure.

13. (Withdrawn) The cosmetic as claimed in claim 12, wherein the compound (F) having an alcoholic hydroxyl group in the molecular structure is a water-soluble monohydric alcohol and/or a water-soluble polyhydric alcohol.

14. (Withdrawn) The cosmetic as claimed in claim 6, which further comprises a water-soluble or water-swelling high-molecular substance (G).

15. (Withdrawn) The cosmetic as claimed in claim 6, which further comprises a powder (H1) and/or a colorant (H2).

16. (Withdrawn) The cosmetic as claimed in claim 15, wherein at least a part of the powder (H1) and/or the colorant (H2) is a crosslinked spherical dimethylpolysiloxane fine powder having a structure in which dimethylpolysiloxane is crosslinked, a crosslinked spherical polymethylsilsesquioxane fine powder, hydrophobic silica or a fine powder obtained by coating a surface of a crosslinked spherical polysiloxane rubber with polymethylsilsesquioxane particles.

17. (Withdrawn) The cosmetic as claimed in claim 15, wherein at least a part of the powder (H1) and/or the colorant (H2) has a fluorine atom.

18. (Withdrawn) The cosmetic as claimed in claim 6, which further comprises a surface active agent (I).

19. (Withdrawn) The cosmetic as claimed in claim 18, wherein the surface active agent (I) is linear or branched silicone having a polyoxyalkylene chain in the molecule and/or linear or branched silicone having a polyglycerin chain in the molecule.

20. (Withdrawn) The cosmetic as claimed in claim 18, wherein the surface active agent (I) has a hydrophilic-lipophilic balance (HLB) of 2 to 8.

21. (Withdrawn) The cosmetic as claimed in claim 6, which further comprises a crosslinkable organopolysiloxane (J).

22. (Withdrawn) The cosmetic as claimed in claim 21, wherein the crosslinkable organopolysiloxane (J) is a crosslinkable organopolysiloxane which contains low-viscosity silicone having a viscosity of 0.65 to 10.0 mm²/sec (25°C) in an amount of not less than its own weight to swell.

23. (Withdrawn) The cosmetic as claimed in claim 21, wherein the crosslinkable organopolysiloxane (J) is capable of forming a crosslinked structure by the reaction of a hydrogen atom directly bonded to a silicon atom of the organopolysiloxane (J) with a crosslinking agent having two or more vinyl reaction sites in the molecule.

24. (Withdrawn) The cosmetic as claimed claim 21, wherein the crosslinkable organopolysiloxane (J) contains at least one site selected from the group consisting of polyoxyalkylene, polyglycerin, alkyl, alkenyl, aryl and fluoroalkyl in the crosslinkable molecule.

25. (Withdrawn) The cosmetic as claimed in claim 6, which further comprises a silicone resin (K).

26. (Withdrawn) The cosmetic as claimed in claim 25, wherein the silicone resin (K) is an acrylic silicone resin.

27. (Withdrawn) The cosmetic as claimed in claim 26, wherein the silicone resin (K) is an acrylic silicone resin containing at least one site selected from the group consisting of pyrrolidone, long-chain alkyl, polyoxyalkylene, fluoroalkyl and anions of carboxylic acids or the like in the molecule.

28. (Withdrawn) The cosmetic as claimed in claim 25, wherein the silicone resin (K) is a silicone network compound selected from a silicone network compound (MQ) consisting essentially of a monofunctional siloxy group and a tetrafunctional siloxy group; a silicone network compound (MDQ) consisting essentially of a monofunctional siloxy group, a bifunctional siloxy group and a tetrafunctional siloxy group; a silicone network compound (MT) consisting essentially of a monofunctional siloxy group and a trifunctional siloxy

group; a silicone network compound (MDT) consisting essentially of a monofunctional siloxy group, a bifunctional siloxy group and a trifunctional siloxy group; and a silicone network compound (MDTQ) consisting essentially of a monofunctional siloxy group, a bifunctional siloxy group, a trifunctional siloxy group and a tetrafunctional siloxy group.

29. (Withdrawn) The cosmetic as claimed in claim 25, wherein the silicone resin (K) is a silicone network compound containing at least one site selected from the group consisting of pyrrolidone, long-chain alkyl, polyoxyalkylene, fluoroalkyl and an amino group in the molecule.

30. (Withdrawn) A skin care cosmetic comprising the cosmetic of claim 6 as at least a part of constituents.

31. (Withdrawn) A make-up cosmetic comprising the cosmetic of claim 6 as at least a part of constituents.

32. (Withdrawn) A hair cosmetic comprising the cosmetic of claim 6 as at least a part of constituents.

33. (Withdrawn) An antiperspirant cosmetic comprising the cosmetic of claim 6 as at least a part of constituents.

34. (Withdrawn) An ultraviolet protective cosmetic comprising the cosmetic of claim 6 as at least a part of constituents.

35. (Withdrawn) The cosmetic as claimed in claim 6, which is in liquid, emulsion, cream, solid, paste, gel, powder, pressed, multi-layer, mousse, spray, stick or pencil form.

36. (New) An olefin wax,

(i) which is a copolymer (A1) obtained by copolymerizing ethylene and at least one diene in the range of 0.01 to 2.0% by mol, or a copolymer (A2) obtained by copolymerizing ethylene, at least one olefin selected from α -olefins of 3 to 12 carbon atoms in the range of 0.01 to 2.0% by mol and at least one diene in the range of 0.01 to 2.0% by mol, and wherein

(ii) the content of unsaturated groups per one molecule is in the range of 0.5 to 3.0 groups,

(iii) the density is in the range of 870 to 980 kg/m³,

(iv) the melting point is in the range of 70 to 130°C,

(v) the number-average molecular weight is in the range of 400 to 5,000, and

(vi) the ratio (Mw/Mn) of the weight-average molecular weight to the number-average molecular weight is not more than 4.0.

37. (New) An olefin wax,

(i) which is a copolymer (A3) obtained by copolymerizing ethylene and vinyl norbornene (5-vinylbicyclo[2.2.1]hept-2-ene) in the range of 0.01 to 2.0% by mol or a copolymer (A4) obtained by copolymerizing ethylene, at least one olefin selected from α -olefins of 3 to 12 carbon atoms in the range of 0.01 to 2.0% by mol and vinyl norbornene in the range of 0.01 to 2.0% by mol, and wherein

(ii) the content of unsaturated groups per one molecule is in the range of 0.5 to 2.0 groups,

(iii) the density is in the range of 900 to 980 kg/m³,

(iv) the melting point is in the range of 100 to 130°C,

(v) the number-average molecular weight is in the range of 400 to 5,000, and

(vi) the ratio (M_w/M_n) of the weight-average molecular weight to the number-average molecular weight is not more than 4.0.

38. (New) The olefin wax as claimed in claim 36, which is prepared by the use of a metallocene catalyst.